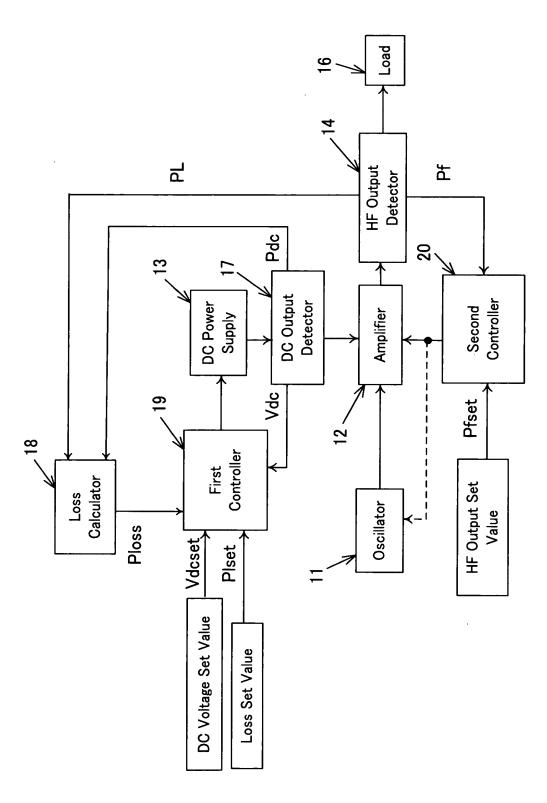


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FIG. 1



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FIG.2

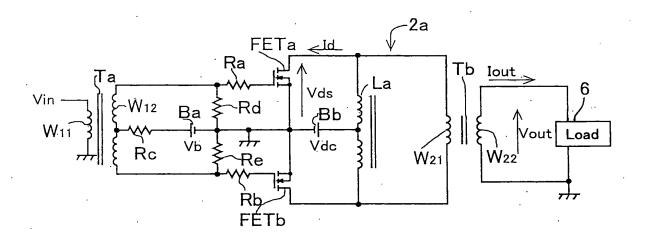
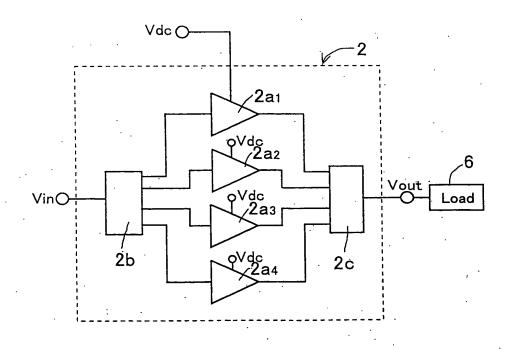
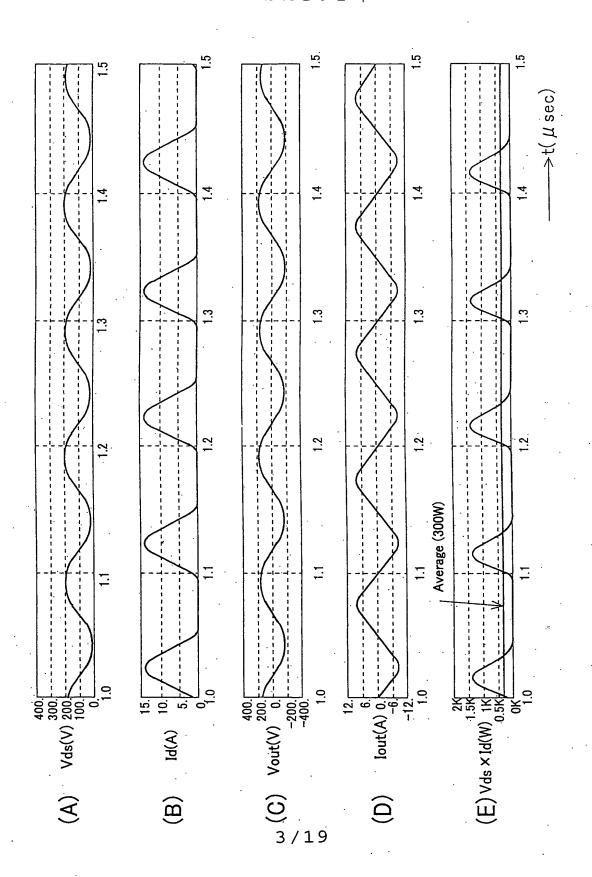


FIG.3



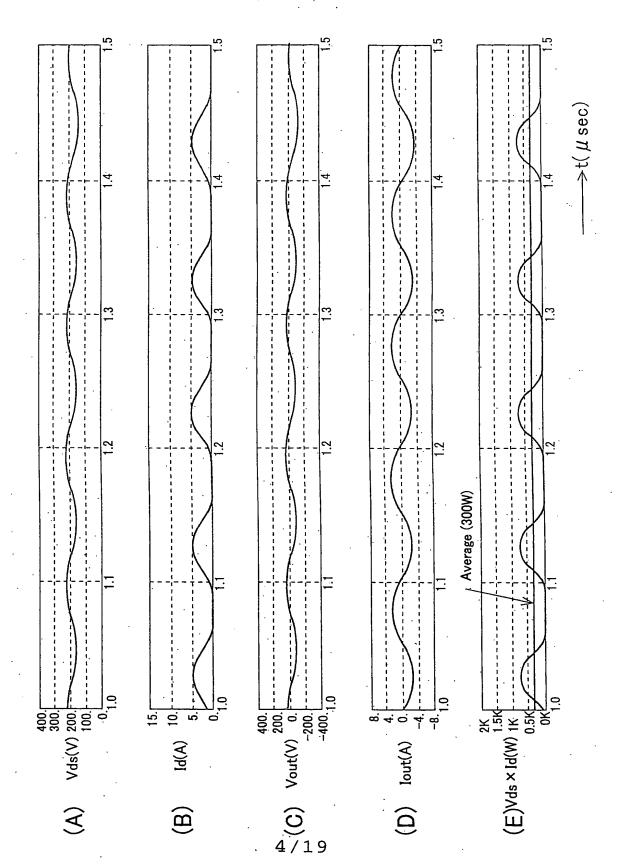
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FIG.4

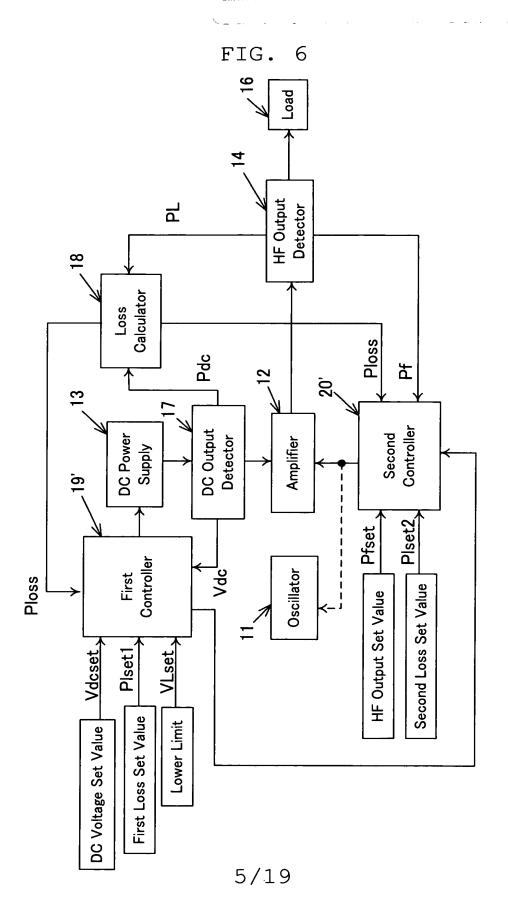


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FIG.5



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FIG.7

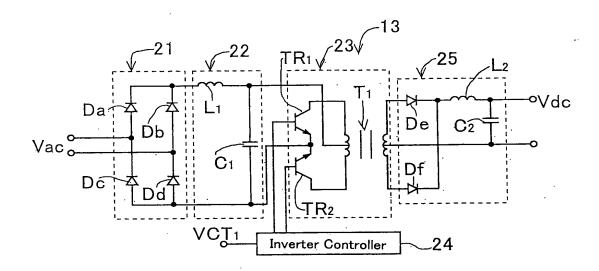
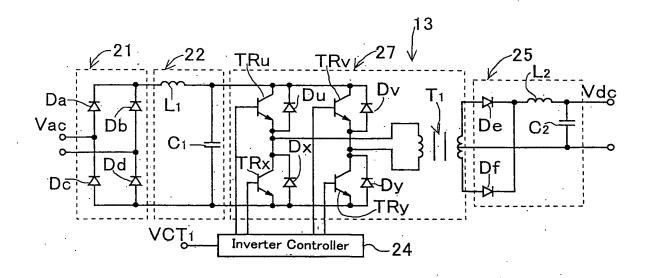


FIG.8



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FIG.9

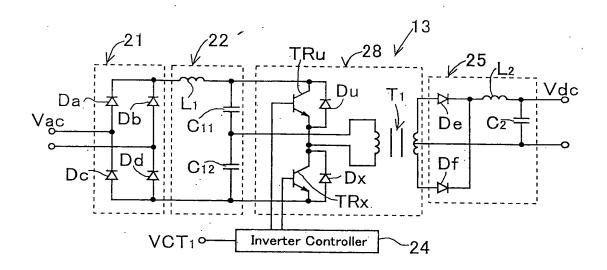
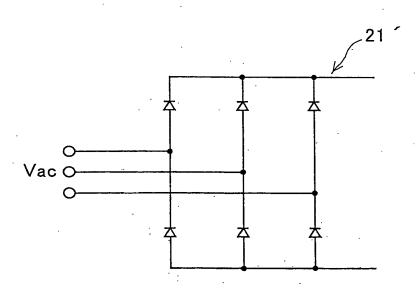
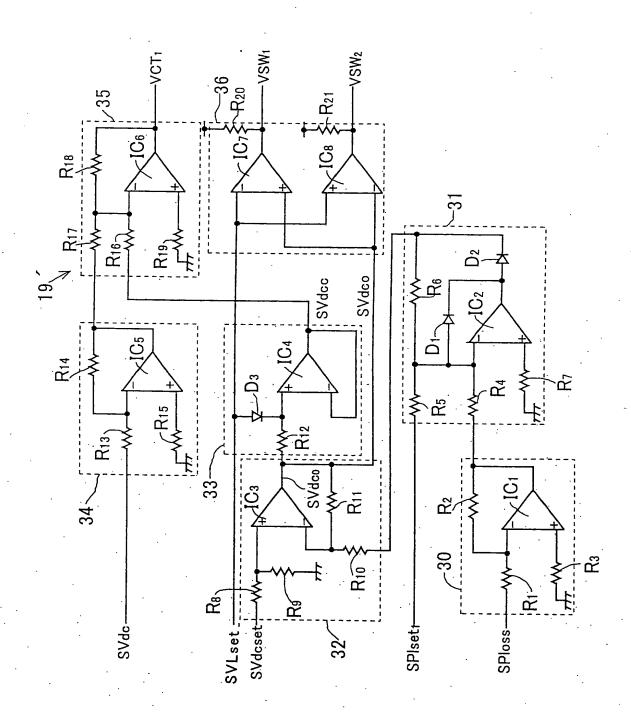


FIG. 10



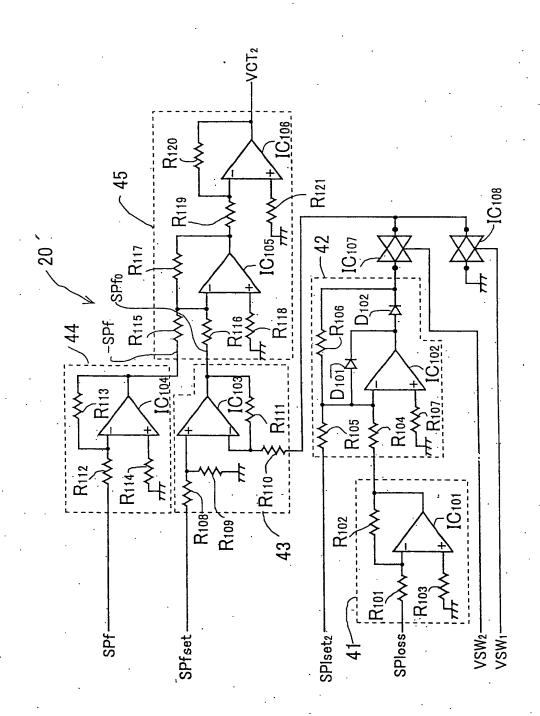
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FIG.11



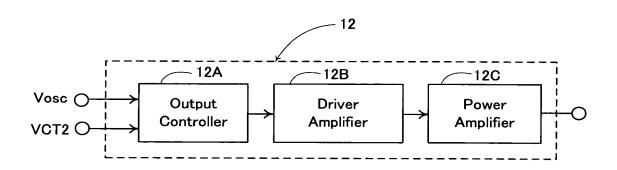
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FIG.12



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FIG. 13

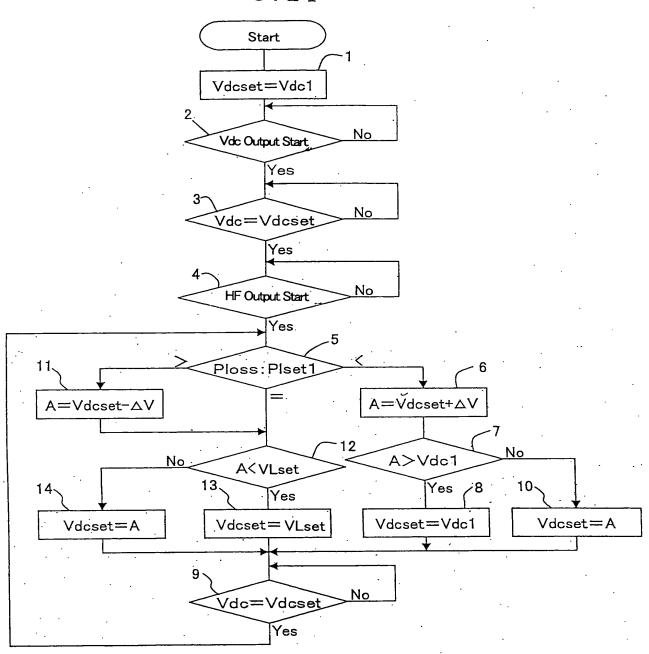


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FIG. 14



Vdc · · · Output Voltage of DC Power Supply

Vdcset ··· Vdc Set Voltage

VLset ··· Vdc Lower Limit Set Voltage

Ploss · · · Calculated Loss

Piset1 ··· First Loss Set Value

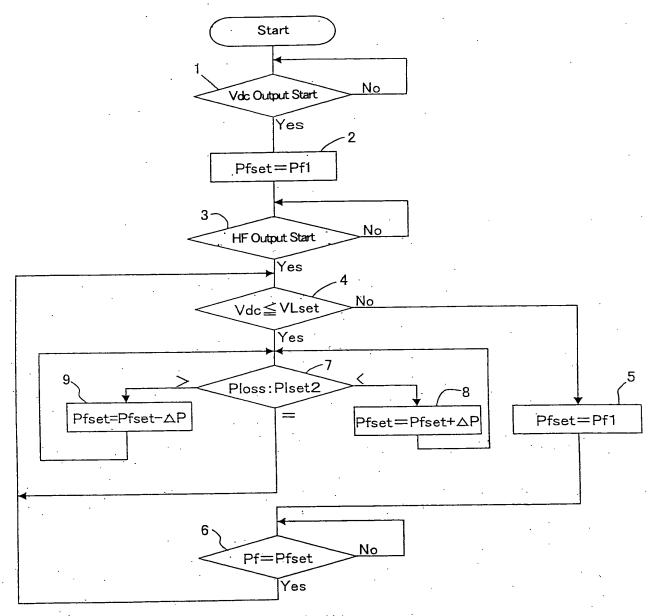
Vdc1 ··· Normal Output Voltage Set Value (Initial Value) of DC Power Supply

△V ··· Fixed Small Voltage Set Value

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FIG.15



Pfset ··· Forward Power Set Value

Pf1 ··· Forward Power Set Input

Pf ··· Forward Power Output Value

Vdc · · · Output Voltage of DC Power Supply

VLset ··· Vdc Lower Limit Set Voltage

Ploss · · · Calculated Loss

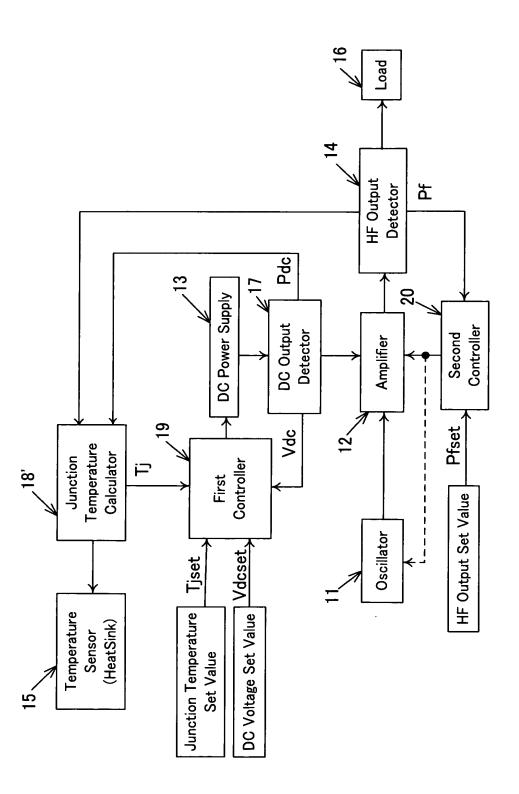
Plset2 ··· Second Loss Set Value

△P ··· Fixed Small Power Set Value

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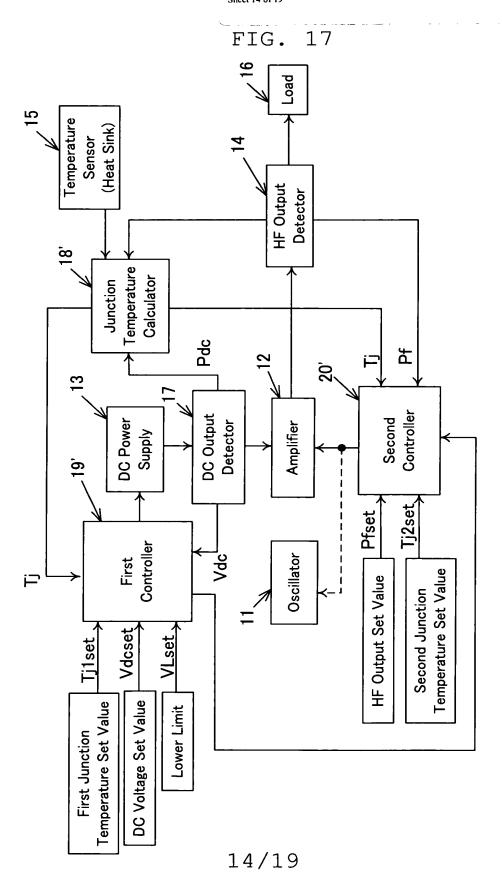
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FIG. 16



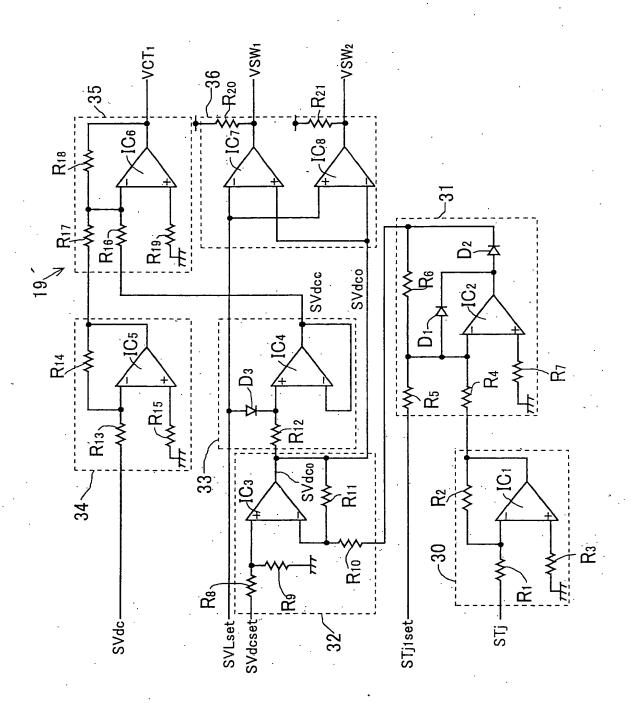
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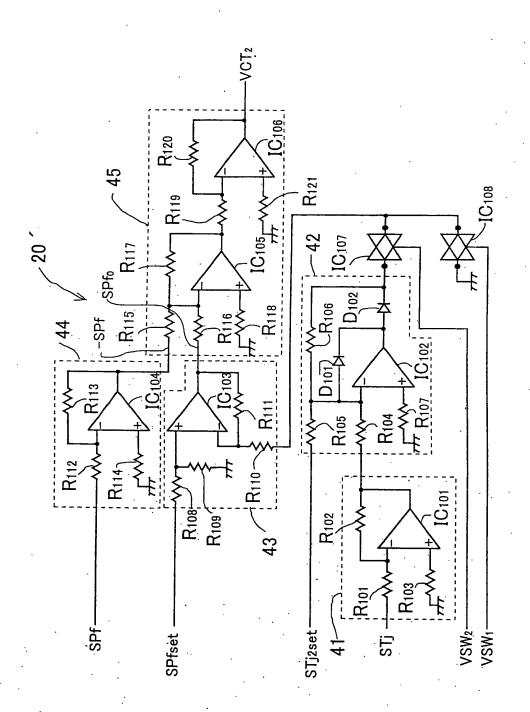
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FIG.18



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FIG.19

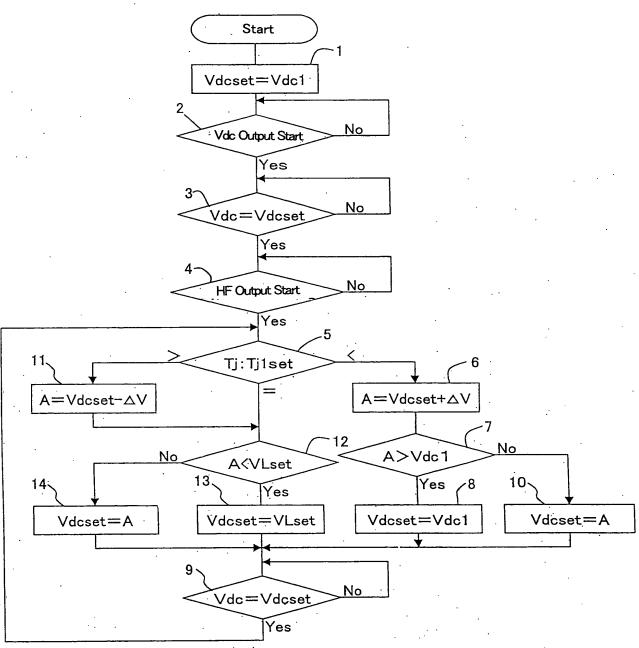


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FIG.20



Vdc · · · Output Voltage of DC Power Supply

Vdcset ··· Vdc Set Voltage

VLset ··· Vdc Lower Limit Set Voltage

Tj ··· Calculated Junction Temperature

Tj1set ··· First Junction Temperature Set Value

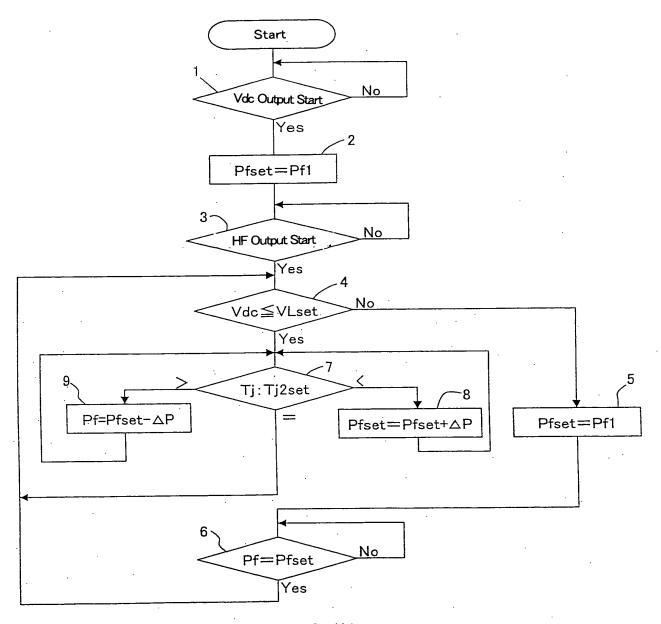
Vdc1 ··· Normal Output Voltage Set Value (Initial Value) of DC Power Supply

△V ··· Fixed Small Voltage Set Value

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FIG.21



Pfset ··· Forward Power Set Value

Pf1 ··· Forward Power Set Input

Pf ··· Forward Power Output Value

Vdc · · · Output Voltage of DC Power Supply

VLset ··· Vdc Lower Limit Set Voltage

Tj ··· Calculated Junction Temperature

Tj2set ··· Second Junction Temperature Set Value

△P ··· Fixed Small Power Set Value

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FIG. 22

